

Attorney's Docket: 2002DE438

Serial No.: 10/535,020

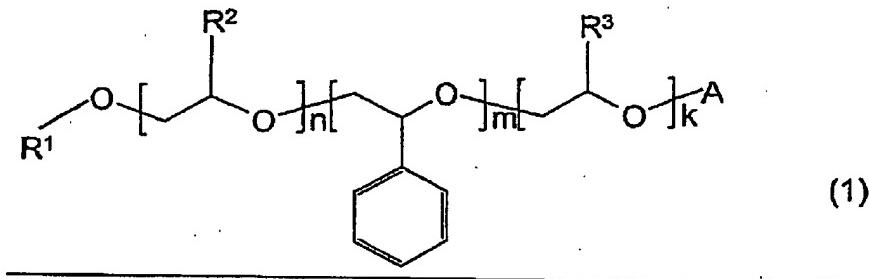
Art Unit 1796

Response to Office Action of February 8, 2008

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel Claims 1-8

9.(Currently Amended) A method for emulsion polymerization, said method comprising adding [[the]] a copolymer of claim 1  
of the formula (1)



in which

R<sup>1</sup> is hydrogen, a C<sub>1</sub>-C<sub>5</sub>-alkyl radical, or C<sub>2</sub>-C<sub>5</sub>-alkenyl radical

which may also contain hetero atoms, an acid group or an aliphatic or aromatic group having 1 to 50 carbon atoms, including an acid group,

R<sup>2</sup> and R<sup>3</sup>, independently of one another, are hydrogen, methyl and/or ethyl,

n is a number from 0 to 100, and

m is a number from 3 to 30, and

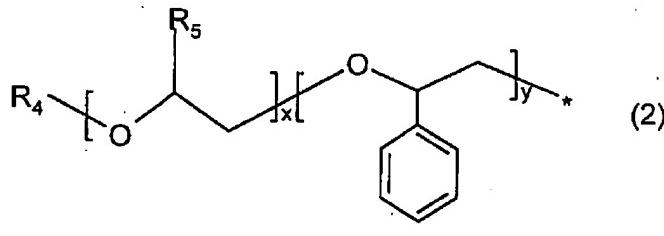
k is a number from 1 to 200, and

A is a copolymer unit of the formula (2)

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R<sup>4</sup> is hydrogen, a C<sub>1</sub>-C<sub>5</sub>-alkyl radical or C<sub>2</sub>-C<sub>5</sub>-alkenyl radical which may also contain hetero atoms, an acid group or an aliphatic or aromatic group having 1 to 50 carbon atoms, including an acid group,

R<sup>5</sup> is hydrogen, methyl and/or ethyl,

x is a number from 0 to 100, and

y is a number from 3 to 30,

where R<sup>1</sup> is hydrogen or an acid group,

via the valence denoted by “\*”,

to a polymer reaction mixture and polymerizing said mixture.

10.(New) The method of claim 9, wherein the alkoxy groups are arranged block by block.

11.(New) The method of claim 9, wherein k is a number from 10 to 100.

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- 12.(New) The method of claim 9, wherein m is a number from 3 to 10.
- 13.(New) The method of claim 9, wherein n is a number from 1 to 5.
- 14.(New) The method of claim 9, wherein formula 1 represents an ester or partial ester.
- 15.(New) The method of claim 9, wherein R<sup>1</sup> or R<sup>4</sup> is a C<sub>2</sub>- to C<sub>5</sub>-alkenyl group.
- 16.(New) The method of claim 9, further comprising admixing a pigment or a bitumen with the copolymer prior to said polymerization to emulsify said pigment or bitumen.